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(12) **United States Patent**  
**Martino**

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(54) **TELEPHONE/TRANSACTION ENTRY  
DEVICE AND SYSTEM FOR ENTERING  
TRANSACTION DATA INTO DATABASES**

(58) **Field of Classification Search** ..... 455/3.04,  
455/3.06, 414.1-414.4, 418-419; 379/88.01-88.02,  
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See application file for complete search history.

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(56) **References Cited**

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(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-  
claimer.

(Continued)

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(65) **Prior Publication Data**

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**Related U.S. Application Data**

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23, 2004, which is a continuation-in-part of applica-  
tion No. 09/589,814, filed on Jun. 7, 2000, now Pat.  
No. 6,973,477, which is a continuation-in-part of  
application No. 09/390,798, filed on Sep. 7, 1999, now  
Pat. No. 6,574,314, which is a continuation of appli-  
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Pat. No. 5,987,103, which is a continuation of appli-  
cation No. 08/446,546, filed on May 19, 1995, now  
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(57)

**ABSTRACT**

A data transaction processing system in which transaction  
data is entered by the user in response to prompts in a template  
which is tailored to each user application. The data transac-  
tion is received via protocols at a database server which,  
depending upon the application, stores the entire data transac-  
tion, explodes the data transaction to produce ancillary  
records which are then stored, and/or forwards the data trans-  
action or some or all of the ancillary records to other database  
servers for updating other databases associated with those  
database servers.

(51) **Int. Cl.**

**H04M 3/42** (2006.01)

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**H04M 11/00** (2006.01)

(52) **U.S. Cl.** ..... **379/67.1**; 455/414.1; 379/88.17;  
379/88.18

**8 Claims, 12 Drawing Sheets**

